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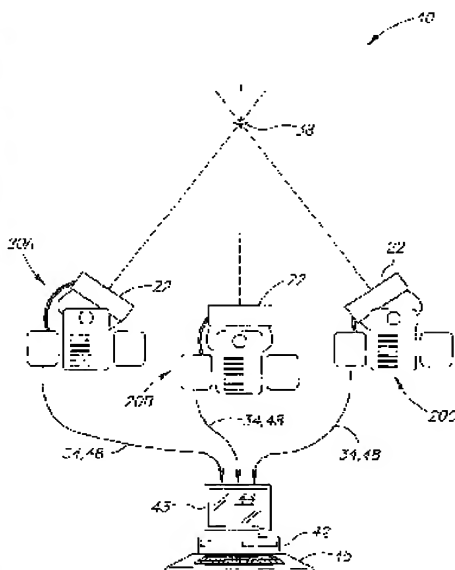
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14. *What is the purpose of the study?*

- (54) Title: LOCALIZATION OF A RADIOACTIVE SOURCE WITHIN A BODY OF A SUBJECT



- (57) **Abstract:** ABSTRACT A computerized system 40 for locating a device. System 40 includes a sensor module 20 and a CPU 42. A radioactive source 38, associated with the device, produces a signal in the form of a radioactive disintegration. Module 20 includes a radiation detector 22 capable of receiving a signal from source 38 attached to the device. Module 20 produces an output signal 34. CPU 42 receives output signal 34 and transmits output 34 into directional information relating to a position of source 38.

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